

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (~~new~~), (previously presented), or (not entered).

1. (currently amended) A dynamic image composition apparatus for combining and plotting one or more images, comprising:

a plurality of plot information generating devices generating plot information used to plot a dynamic image on a screen, the plot information being one of a plot position, a size, and a rotation angle of the dynamic image on the screen to update the dynamic image correspondingly to a movement element for generating a movement of the dynamic image;

an image management device managing image data of each image and generating plot information at a present time of each image by combining one or more pieces of information generated by one or more of the plurality of the plot information generating devices; and

a plotting device receiving the image data and the plot information at the present time from the image management device and plotting the image data based on the plot information at the present time.

2. (currently amended) The dynamic image composition apparatus according to claim 1, wherein

said plot information generating device generates absolute plot information representing a coordinate value in a global coordinate space.

3. (original) The dynamic image composition apparatus according to claim 1, wherein

said plot information generating device generates a difference of plot information between a previous time and the present time.

4. (original) The dynamic image composition apparatus according to claim 1, further comprising

a plot information function management device storing one or more plot information functions, wherein

at least one of said plurality of said plot information generating devices store identification information for referring to a plot information function and calculates the plot information using the plot information function corresponding to the identification information.

5. (currently amended) The dynamic image composition apparatus according to claim 1, further comprising

a plot information string management device storing one or more plot information strings ~~including discrete plot information~~ each representing a list of a plurality of pieces of plot information at discrete times,

wherein

at least one of said plurality of said plot information generating devices store identification information for referring to a plot information string and calculates the plot information using the plot information string corresponding to the identification information.

6. (currently amended) The dynamic image composition apparatus according to claim 5, wherein

said at least one of said plurality of said plot information generating devices calculate the plot information by performing interpolation using the ~~discrete~~ plurality of pieces of plot information included in the plot information string.

7. (original) The dynamic image composition apparatus according to claim 1, wherein

said plot information generating device stores a parameter for modifying plot information and calculates the plot information using the parameter.

8. (cancelled)

9. (withdrawn) A dynamic image composition apparatus for combining and plotting one or more images, comprising:

an image management device provided for each image, for including a plurality of sequentially ordered plot information generating devices for generating plot information used to plot a dynamic image, a first plot information generating device updating plot information at a previous time and passing the plot information to a subsequent plot information generating device, an intermediate plot information generating device updating plot information provided by

a preceding plot information generating device and passing the plot information to a subsequent plot information generating device, and a last plot information generating device updating plot information provided by a preceding plot information generating device and generating plot information at a present time; and

a plotting device for receiving the plot information at the present time from the image management device and plotting a corresponding image based on the plot information at the present time.

10. (withdrawn) The dynamic image composition apparatus according to claim 9, wherein

each plot information generating device generates a difference of plot information between the previous time and the present time, adds the difference to inputted plot information and updates the inputted plot information.

11. (withdrawn) A dynamic image composition apparatus for combining and plotting one or more images, comprising:

an image management device provided for each image, for including a plurality of plot information generating devices for generating a difference of plot information used to plot a dynamic image between a previous time and a present time and device for generating plot information at the present time using a sum of differences generated by the plurality of the plot information generating devices; and

plotting device for receiving the plot information at the present time from the image management device and plotting a corresponding image based on the plot information at the present time.

12. (cancelled)

13. (currently amended) A computer-readable storage medium on which is recorded a program for enabling a computer to execute a process, the process comprising:

generating a plurality of pieces of plot information used to plot an image on a screen, the plot information being one of a plot position, a size, and a rotation angle of the dynamic image on the screen to update the dynamic image correspondingly to a movement element for generating a movement of the dynamic image, for each image;

generating plot information at a present time of each image by combining the plurality of

pieces of plot information ; and

plotting each image based on the plot information at the present time.

14. (withdrawn) A computer-readable storage medium on which is recorded a program for enabling a computer to execute a process, the process comprising:

generating plot information at a present time by updating plot information used to plot an image at a previous time for each image by a plurality of sequentially ordered plot information generating processes; and

plotting each image based on the plot information at the present time.

15. (withdrawn) A computer-readable storage medium on which is recorded a program for enabling a computer to execute a process, the process comprising:

generating differences of a plurality of pieces of plot information used to plot an image between a previous time and a present time, for each image;

generating plot information at the present time of each image using a sum of the differences of the plurality of the pieces of the plot information; and

plotting each image based on the plot information at the present time.

16. (currently amended) A dynamic image composition method for combining and plotting one or more images, comprising:

generating a plurality of pieces of plot information used to plot an image on a screen, the plot information being one of a plot position, a size, and a rotation angle of the dynamic image on the screen to update the dynamic image correspondingly to a movement element for generating a movement of the dynamic image, for each image;

generating plot information at a present time of each image by combining the plurality of pieces of plot information; and

plotting each image based on the plot information at the present time.

17. (currently amended) A dynamic image composition apparatus for combining and plotting one or more images, comprising:

a plurality of plot information generating means for generating plot information used to plot a dynamic image on a screen, the plot information being one of a plot position, a size, and a rotation angle of the dynamic image on the screen to update the dynamic image correspondingly to a movement element for generating a movement of the dynamic image;

image management means for managing image data of each image and generating plot information at a present time of each image by combining one or more pieces of information generated by one or more of the plurality of the plot information generating means; and

plotting means for receiving the image data and the plot information at the present time from the image management means and plotting the image data based on the plot information at the present time.

18. (withdrawn) A dynamic image composition apparatus for combining and plotting one or more images, comprising:

image management means provided for each image, for including a plurality of sequentially ordered plot information generating means for generating plot information used to plot a dynamic image, a first plot information generating means updating plot information at a previous time and passing the plot information to a subsequent plot information generating means, an intermediate plot information generating means updating plot information provided by a preceding plot information generating means and passing the plot information to a subsequent plot information generating means, and a last plot information generating means updating plot information provided by a preceding plot information generating means and generating plot information at a present time; and

plotting means for receiving the plot information at the present time from the image management means and plotting a corresponding image based on the plot information at the present time.

19. (withdrawn) A dynamic image composition apparatus for combining and plotting one or more images, comprising:

image management means provided for each image, for including a plurality of plot information generating means for generating a difference of plot information used to plot a dynamic image between a previous time and a present time and means for generating plot information at the present time using a sum of differences generated by the plurality of the plot information generating means; and

plotting means for receiving the plot information at the present time from the image management means and plotting a corresponding image based on the plot information at the present time.

20. (new) A display system, comprising:
first and second display attribute generators producing display attribute data comprising spatial position, size and rotational position for corresponding first and second graphic image elements;
an image manager storing the first and second graphic image elements and combining the attribute data with the first and second graphic image elements; and
a display device displaying the first and second graphic image elements responsive to the attribute data.